90+ Years of True Deep-Cycle Experience and Expertise
SOLAR INDUSTRIAL
The Solar Industrial Line is engineered specifically to support renewable energy systems with large daily loads where the batteries are cycled regularly. These high amp-hour capacity batteries are ideal for use in large off-grid photovoltaic (PV) systems, off-grid hybrid PV systems, grid-tied PV systems with battery backup, smart grid peak shifting systems and a variety of other applications. The Solar Industrial Line is tested to IEC standards and features advanced battery technologies that deliver reliable power. Trojan’s Solar Industrial Line is the perfect combination of performance and function.

SOLAR PREMIUM
Trojan Battery’s Solar Premium Line of flooded deep-cycle batteries is specifically designed to withstand the rigorous conditions of renewable energy applications. Our product strategy is focused on one simple objective – manufacture the highest quality battery available in the industry which is why our Solar Premium Line is tested to IEC standards.

SOLAR SIGNATURE
The Solar Signature Line of deep-cycle flooded batteries is the flagship of Trojan’s product portfolio. Engineered to provide rugged durability and outstanding performance, Trojan’s Solar Signature Line is perfectly suited for use in renewable energy systems where lowest life-cycle cost is the key consideration. An all around power house, the Solar Signature Line features Trojan’s historically-proven engineering with T2 Technology, an advanced battery technology for maximum sustained performance, longer life and increased total energy.

SOLAR AGM
Trojan has incorporated several key engineering features in its Solar AGM batteries for renewable energy, hybrid and backup power applications that require deep-cycling power in a non-spillable battery design. Engineered for best value and worry-free storage, Trojan Solar AGM maintenance-free batteries can be counted on day in and day out as a reliable power source for a wide range of off-grid and unreliable grid applications.

The inclusion of Smart Carbon™ to Trojan’s Solar Industrial and Solar Premium advanced lead acid lines provides:
- A decrease in the rate of sulfation in PSOC conditions
- Improved charge acceptance
- Faster recharge in PSOC applications
- High energy efficiency
Designed for Best Value in Solar + Storage Applications

- Remote Micro-Grids
- Solar Street Signs/Lights
- Off-Grid Residential
- Leisure/Tiny House
- Oil & Gas
- Grid-Tied Solar Home Systems
- Residential & Commercial Backup
- Telecom

**SOLAR INDUSTRIAL**
3,600 Cycles @ 50% DOD
610-2450 Ah @ C100

**SOLAR PREMIUM**
1,900 Cycles @ 50% DOD
225-1255 Ah @ C100

**SOLAR SIGNATURE**
600 – 1,200 Cycles @ 50% DOD
95-490 Ah @ C100

**SOLAR AGM**
1,700 Cycles @ 50% DOD
135-375 Ah @ C20

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**SOLAR LINE CYCLE LIFE CHART**

This chart illustrates the cycle life ratings for Trojan’s Solar Line of deep-cycle batteries for renewable energy applications.

**IEC 61427 STANDARD**
Secondary cells and batteries for renewable energy storage

- **17 Years**
  - Trojan Battery
  - Solar Industrial Line

- **8 Years**
  - Trojan Battery
  - Solar Premium Line

- **8 Years**
  - Trojan Battery
  - Solar AGM

The IEC standard 61427 test provides performance criteria that all batteries for PV applications should be measured against.

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**Clean energy for life™**
**Polyon™ Case**

### Terminal Configurations

- **1 - ELPT** Embedded Low Profile
- **2 - EHPT** Embedded High Profile
- **5 - L-T** L-Terminal
- **6 - DT** Automotive Post & Stud
- **7 - UT** Universal
- **9 - WNT** Wingnut
- **14 - IND** Ind
- **15 - M6/M8** 6mm/8mm Insert
- **16 - SLT** Small L-Terminal

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